

Before the  
Federal Communications Commission  
Washington, D.C. 20554

In the Matter of )  
 )  
Amendment of Part 90 )  
of the Commission's Rules ) WT Docket No. 07-100

Comments of Pros Ltd

Administrative Correction

In Appendix C (*Derating Contour Comparison Case, South West Communications Center*), the Contour Legend on each page is incorrectly labeled.

The originally submitted legend states that the *LMCC's Consensus 6.25 kHz Adjacent Channel Contour* and the *TSB88 Based 6.25 kHz Adjacent Channel Contour* is represented.

This is incorrect.

What is actually shown is the LMCC's *12.5 kHz Adjacent Channel Contour* and the *Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour*. These are the actual contours shown, with the correct Color and dBu rating. There is no change to the substance of our comments.

Original Legend:

| <b>Description</b>                                  | <b>Color</b> | <b>dBu</b> |
|---|--------------|------------|
| FCC's 90.187 UHF Cochannel Service Contour:         | Green        | 39         |
| FCC's 90.187 UHF Cochannel Interference Contour:    | Red          | 21         |
| LMCC's Consensus 6.25 kHz Adjacent Channel Contour: | Blue         | 33.5       |
| TSB88 Based 6.25 Adjacent Channel Contour:          | Orange       | 61         |

Corrected Legend

| <b>Description</b>   | <b>Color</b> | <b>dBu</b> |
|--|--------------|------------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green        | 39         |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red          | 21         |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue         | 33.5       |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange       | 61         |

The entire corrected Appendix is attached below.

Appendix C  
Derating Contour Comparison Case  
South West Communications Center - Corrected Copy

This is a comparison of the LMCC and the Prioritized TSB88 based clearance criteria for narrow UHF 11 kHz analog channels spaced 12.5 kHz from wide 16 kHz analog channels.

The South West Regional Communications Center is located in the heavily congested area of Dallas County TX (Metro Dallas). This system is authorized to operate under callsigns WQHI703 and WQHI705.

The system was constructed and placed into operation on or before 05/29/2008.

The system consists of 3 sites, and has 5 UHF 11 kHz channels per site. The system is a centralized trunked system, requiring a dedicated control channel on each site. The control channels rotate every 24 hours, so each frequency on each site stays in continuous carrier mode for an average of 73 days a year.

Of the fifteen channels assigned to the system, 14 fail current LMCC adjacent channel clearance standards of a 12.5 kHz interference contour derating (a 33.5 dBu interference contour for adjacent wideband channels).

Eight of the 14 channels which failed the LMCC standard, also fails the TSB88 based clearance standard of a 40 dB derating (a 61 dBu interference contour for adjacent wideband channels).

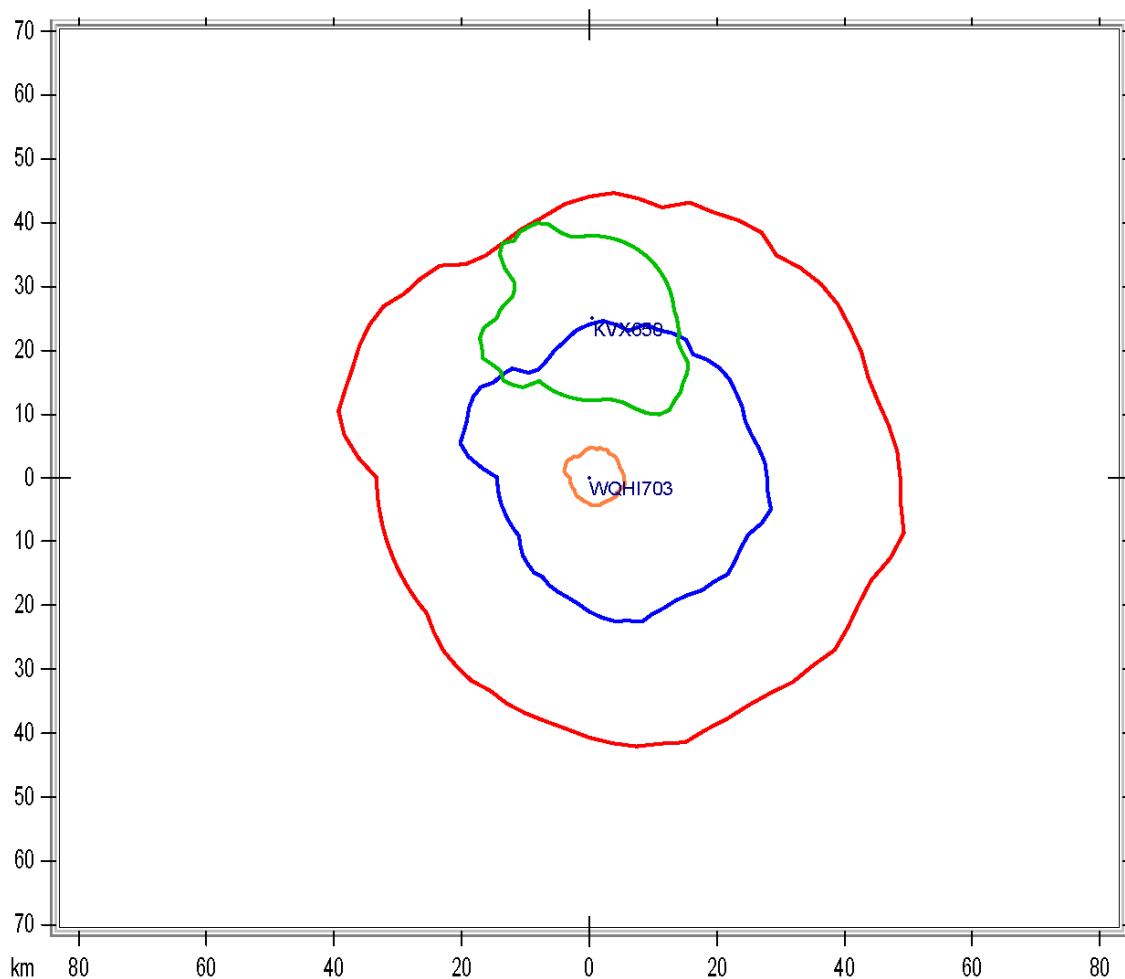
This system has received no known complaints due to adjacent channel interference. This system has received no known interference due to adjacent channel stations.

Notes for all studies:

1. Only pertinent existing adjacent stations are included.
2. Some data has been rounded in this presentation for clarity. The graphics were generated with the more precise data.
3. Below each graphic, the yellow highlighted station is the "interferer". All other stations are adjacent channel stations.
4. Some emissions have been redacted for space.

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI703 Loc 3 453.3625 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

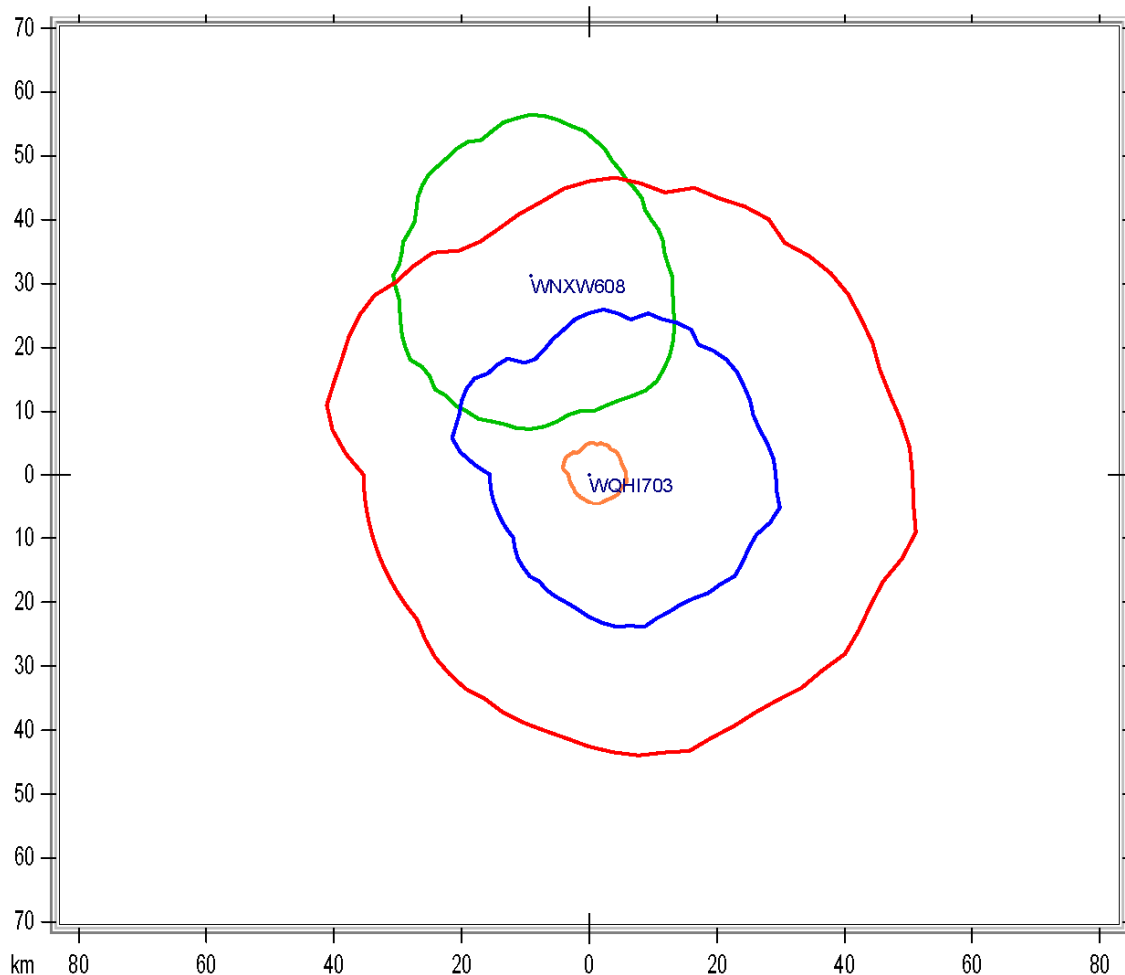
| Call Sign | Emissions       | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WQHI703   | 11K2F3E         | 453.3625 | 0       | 80    | FB8   | 196  | 52    | 63     | 32-35-18.0 N | 96-50-43.0 W |
| KVX650    | 11K2F3E 20K0F3E | 453.35   | 25      | 185   | FB2   | 130  | 51    | 33     | 32-48-48.0 N | 96-50-25.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI703 Loc 3 453.3875 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

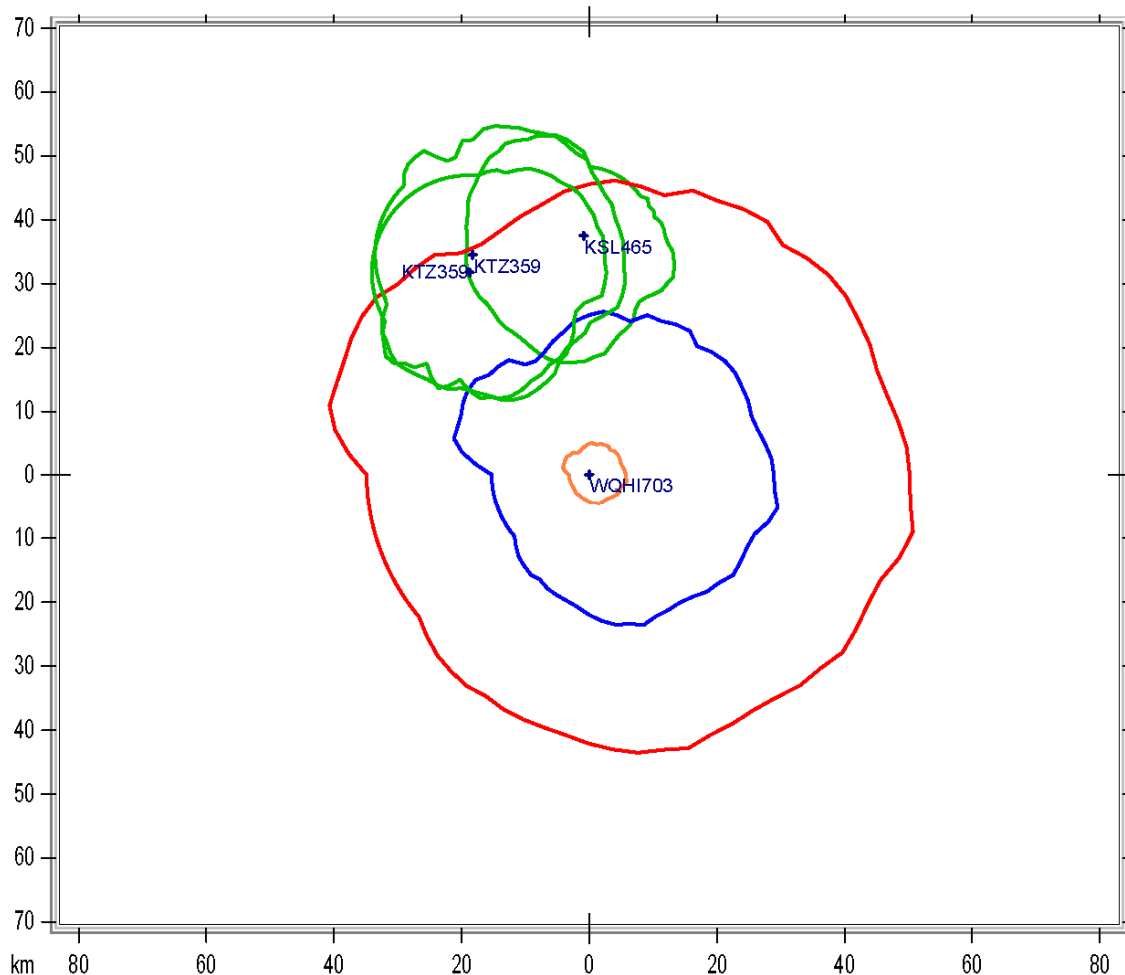
| Call Sign | Emissions | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WQHI703   | 11K2F3E   | 453.3875 | 0       | 100   | FB8   | 196  | 52    | 63     | 32-35-18.0 N | 96-50-43.0 W |
| WNXW608   | 20K0F3E   | 453.4    | 32      | 200   | FB2   | 133  | 99    | 85     | 32-52-09.0 N | 96-56-35.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI703 Loc 3 453.5125 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

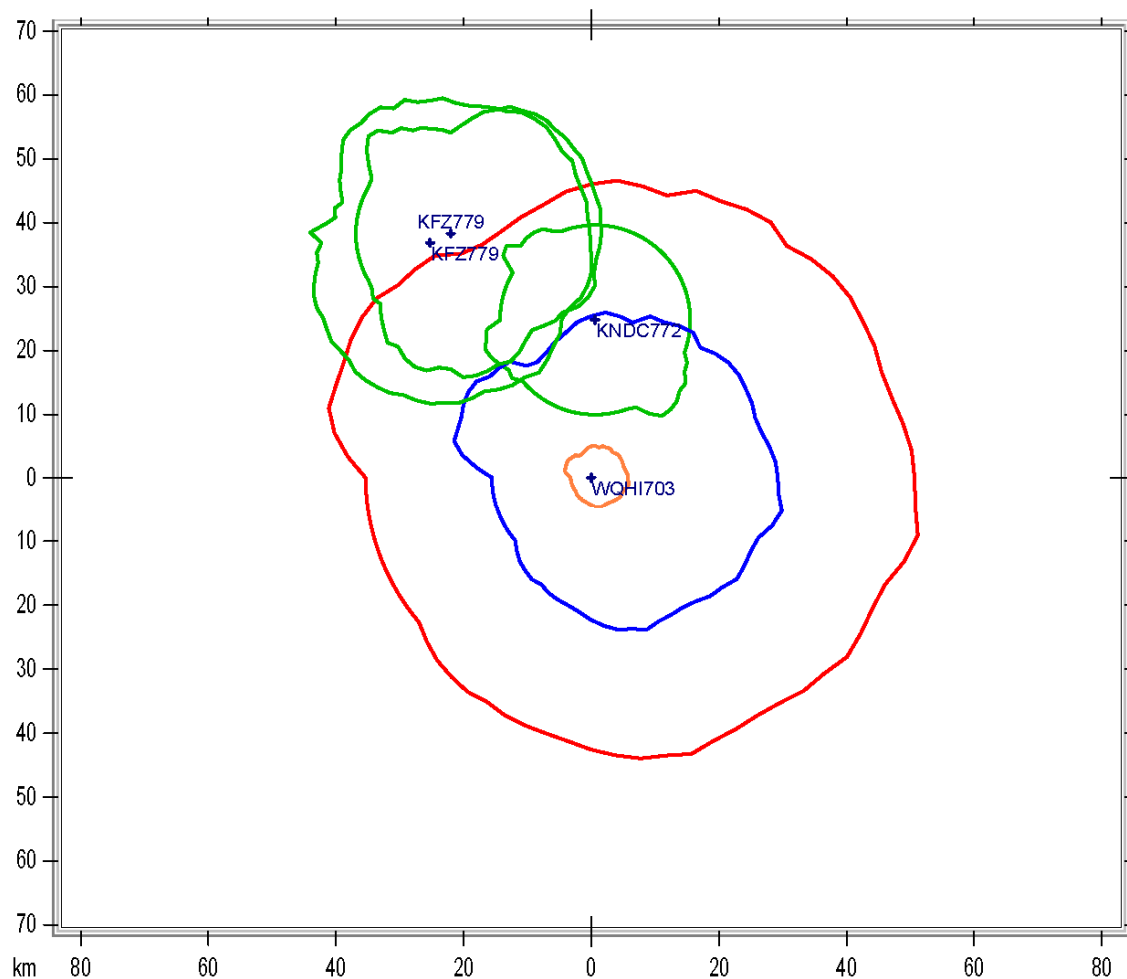
| <u>Call Sign</u> | <u>Emissions</u> | <u>Freq</u> | <u>Dist km</u> | <u>ERP w</u> | <u>Class</u> | <u>GL m</u> | <u>AGL m</u> | <u>HAAT m</u> | <u>Lat</u>   | <u>Lon</u>   |
|------------------|------------------|-------------|----------------|--------------|--------------|-------------|--------------|---------------|--------------|--------------|
| KSL465           | 20K0F3E          | 453.5       | 37             | 90           | FB           | 178         | 48           | 63            | 32-55-31.0 N | 96-51-16.0 W |
| WQHI703          | 11K2F3E          | 453.5125    | 0              | 95           | FB8          | 196         | 52           | 63            | 32-35-18.0 N | 96-50-43.0 W |
| KTZ359           | 20K0F3E          | 453.525     | 37             | 350          | FB2          | 170         | 24           | 34            | 32-52-25.0 N | 97-02-44.0 W |
| KTZ359           | 20K0F3E          | 453.525     | 39             | 350          | FB2          | 176         | 30           | 46            | 32-53-54.0 N | 97-02-25.0 W |

## Contour Legend

| <u>Description</u>   | <u>Color</u> | <u>dBu</u> |
|--|--------------|------------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green        | 39         |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red          | 21         |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue         | 33.5       |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange       | 61         |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI703 Loc 3 453.5875 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

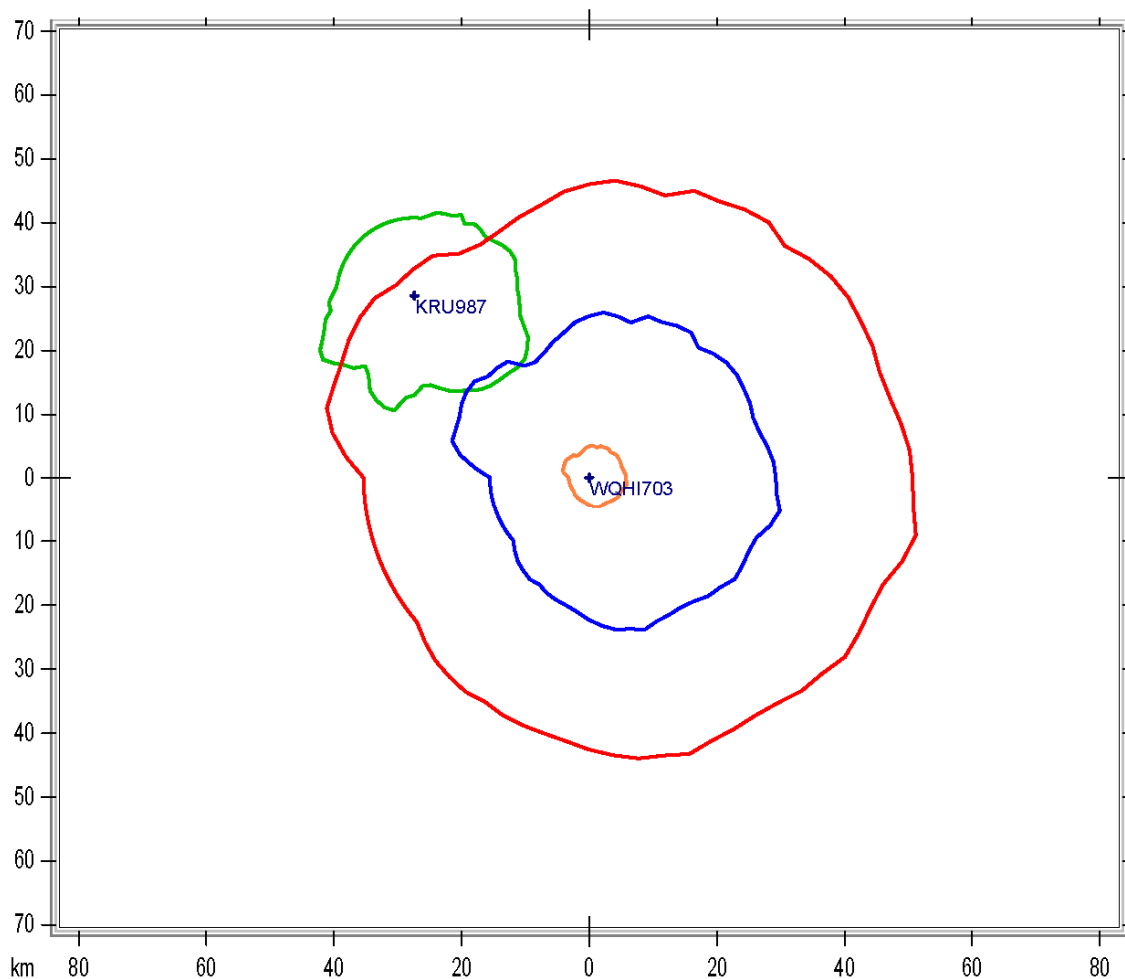
| <u>Call Sign</u> | <u>Emissions</u> | <u>Freq</u> | <u>Dist km</u> | <u>ERP w</u> | <u>Class</u> | <u>GL m</u> | <u>AGL m</u> | <u>HAAT m</u> | <u>Lat</u>   | <u>Lon</u>   |
|------------------|------------------|-------------|----------------|--------------|--------------|-------------|--------------|---------------|--------------|--------------|
| KNDC772          | 20K0F3E          | 453.575     | 25             | 320          | FB2          | 137         | 30           | 20            | 32-48-39.0 N | 96-50-19.0 W |
| KFZ779           | 20K0F9W          | 453.575     | 44             | 316          | FB           | 195         | 23           | 47            | 32-55-57.0 N | 97-04-49.0 W |
| KFZ779           | 20K0F3E          | 453.575     | 45             | 316          | FB2          | 187         | 56           | 68            | 32-55-11.0 N | 97-06-54.0 W |
| WQHI703          | 11K2F3E          | 453.5875    | 0              | 100          | FB8          | 196         | 52           | 63            | 32-35-18.0 N | 96-50-43.0 W |

## Contour Legend

| <u>Description</u>   | <u>Color</u> | <u>dBu</u> |
|--|--------------|------------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green        | 39         |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red          | 21         |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue         | 33.5       |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange       | 61         |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI703 Loc 3 453.7625 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

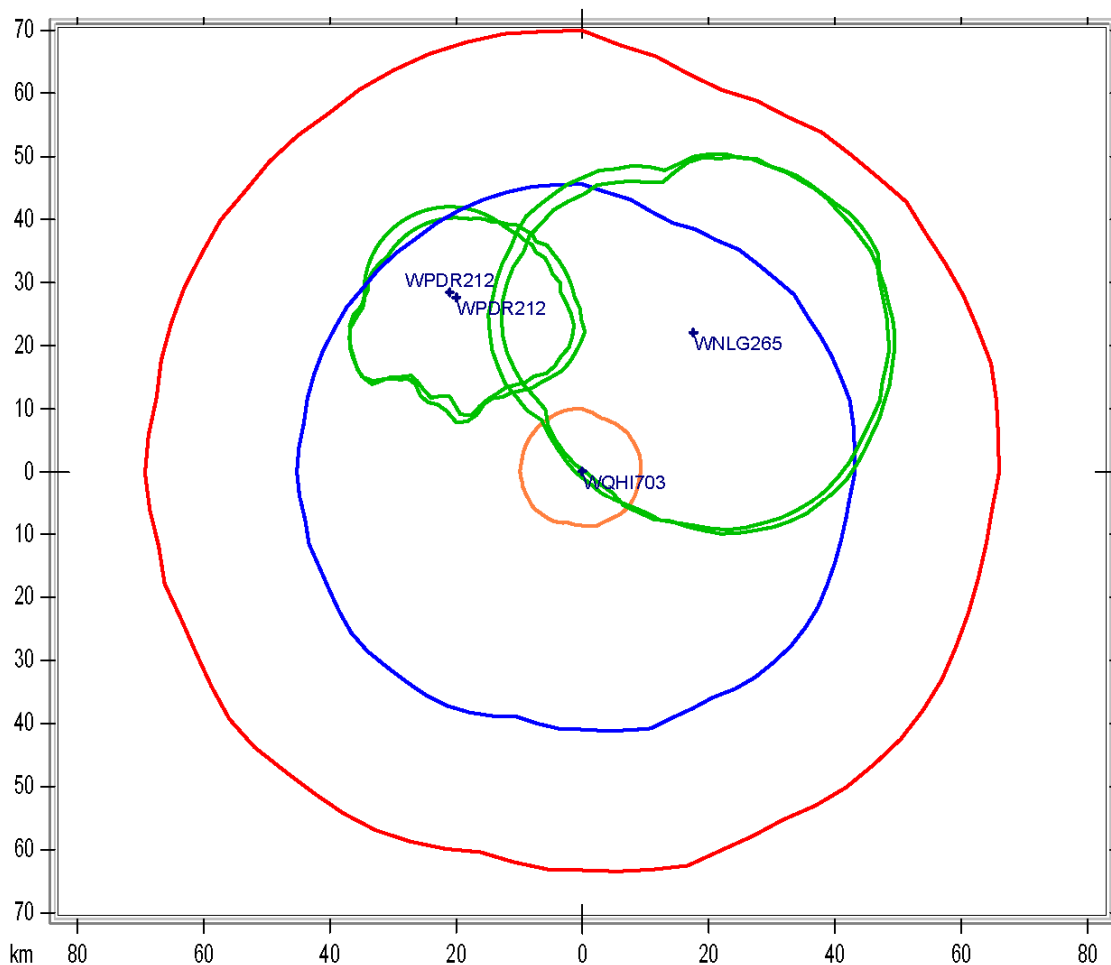
| Call Sign | Emissions | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WQHI703   | 11K2F3E   | 453.7625 | 0       | 100   | FB8   | 196  | 52    | 63     | 32-35-18.0 N | 96-50-43.0 W |
| KRU987    | 20K0F3E   | 453.7500 | 39.51   | 148   | FB2   | 183  | 30    | 41     | 32-50-42.0 N | 97-08-15.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI703 Loc 1 460.0375 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

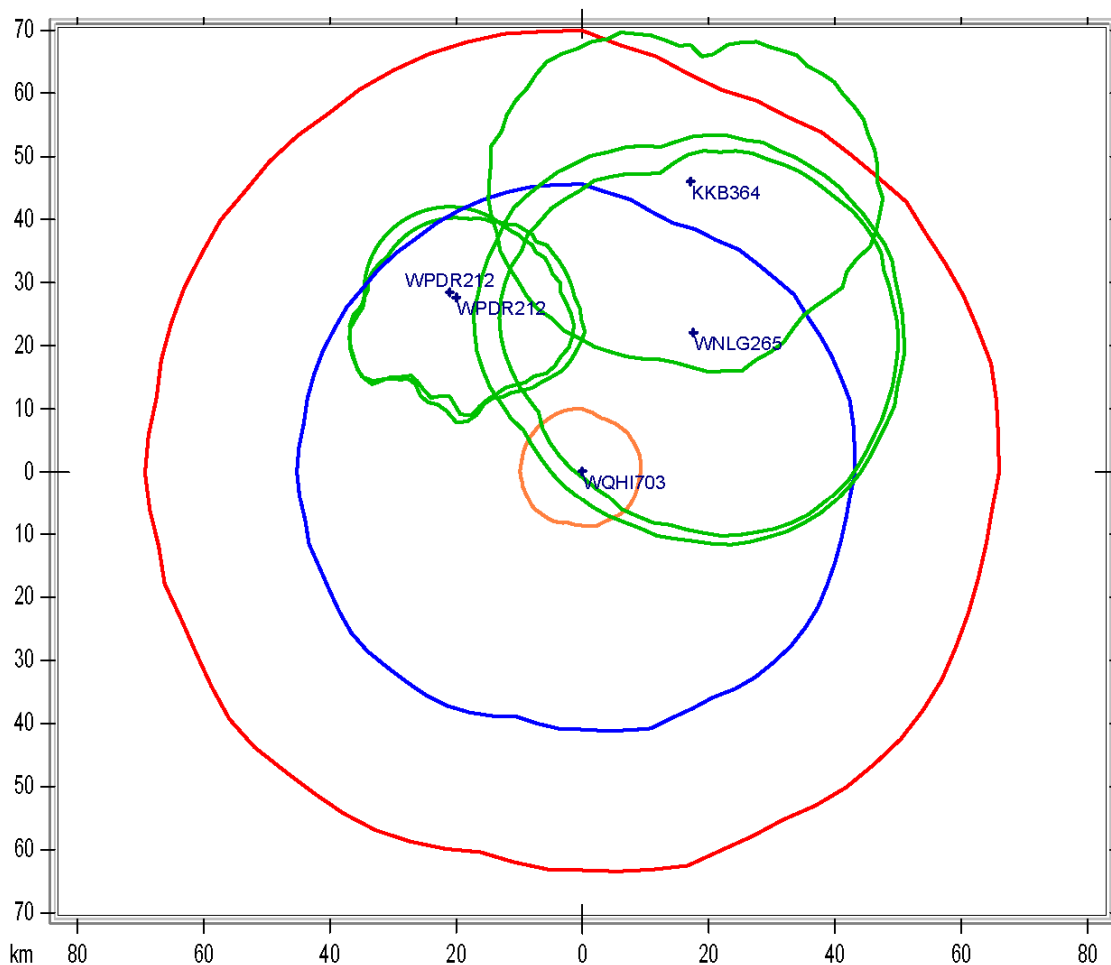
| Call Sign | Emissions | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WNLG265   | 20K0F3E   | 460.025  | 28      | 400   | FB2   | 141  | 122   | 116    | 32-46-57.0 N | 96-46-32.0 W |
| KKB364    | 20K0F3E   | 460.025  | 29      | 450   | FB2   | 138  | 114   | 107    | 32-46-41.0 N | 96-45-30.0 W |
| WQHI703   | 11K2F3E   | 460.0375 | 0       | 151   | FB8   | 249  | 169   | 227    | 32-35-03.0 N | 96-57-49.0 W |
| WPDR212   | 20K0F3E   | 460.05   | 34      | 171   | FB2   | 178  | 43    | 46     | 32-49-57.0 N | 97-10-37.0 W |
| WPDR212   | 20K0F3E   | 460.05   | 35      | 225   | FB2   | 178  | 35    | 33     | 32-50-24.0 N | 97-11-16.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI703 Loc 1 460.1625 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

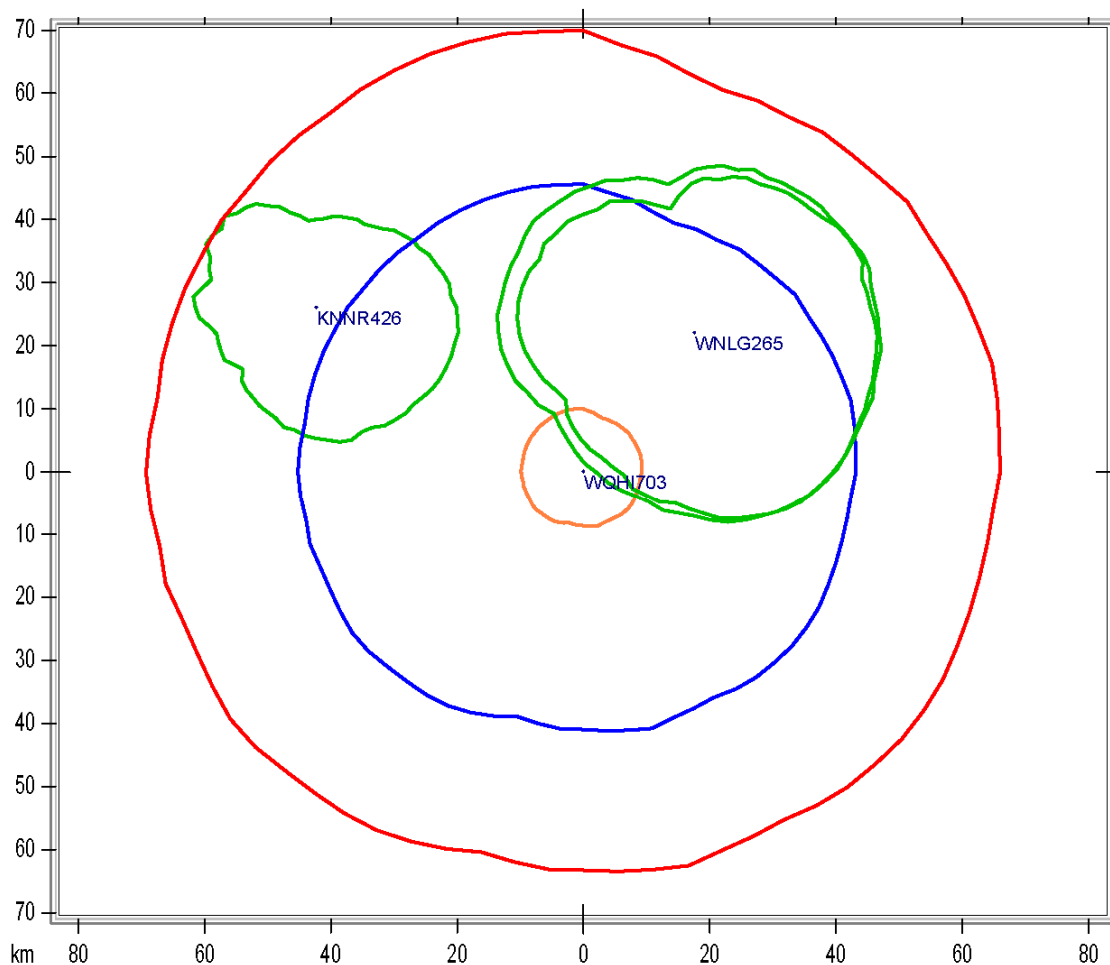
| Call Sign | Emissions | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WPDR212   | 20K0F3E   | 460.15   | 34      | 171   | FB2   | 178  | 43    | 46     | 32-49-57.0 N | 97-10-37.0 W |
| WPDR212   | 20K0F3E   | 460.15   | 35      | 225   | FB2   | 178  | 35    | 33     | 32-50-24.0 N | 97-11-16.0 W |
| WQHI703   | 11K2F3E   | 460.1625 | 0       | 151   | FB8   | 249  | 169   | 227    | 32-35-03.0 N | 96-57-49.0 W |
| WNLG265   | 20K0F3E   | 460.175  | 28      | 400   | FB2   | 141  | 152   | 146    | 32-46-57.0 N | 96-46-32.0 W |
| KKB364    | 20K0F3E   | 460.175  | 29      | 370   | FB2   | 138  | 132   | 125    | 32-46-41.0 N | 96-45-30.0 W |
| KKB364    | 20K0F3E   | 460.175  | 49      | 700   | FB2   | 209  | 52    | 74     | 32-59-53.0 N | 96-46-48.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI703 Loc 1 460.2375 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

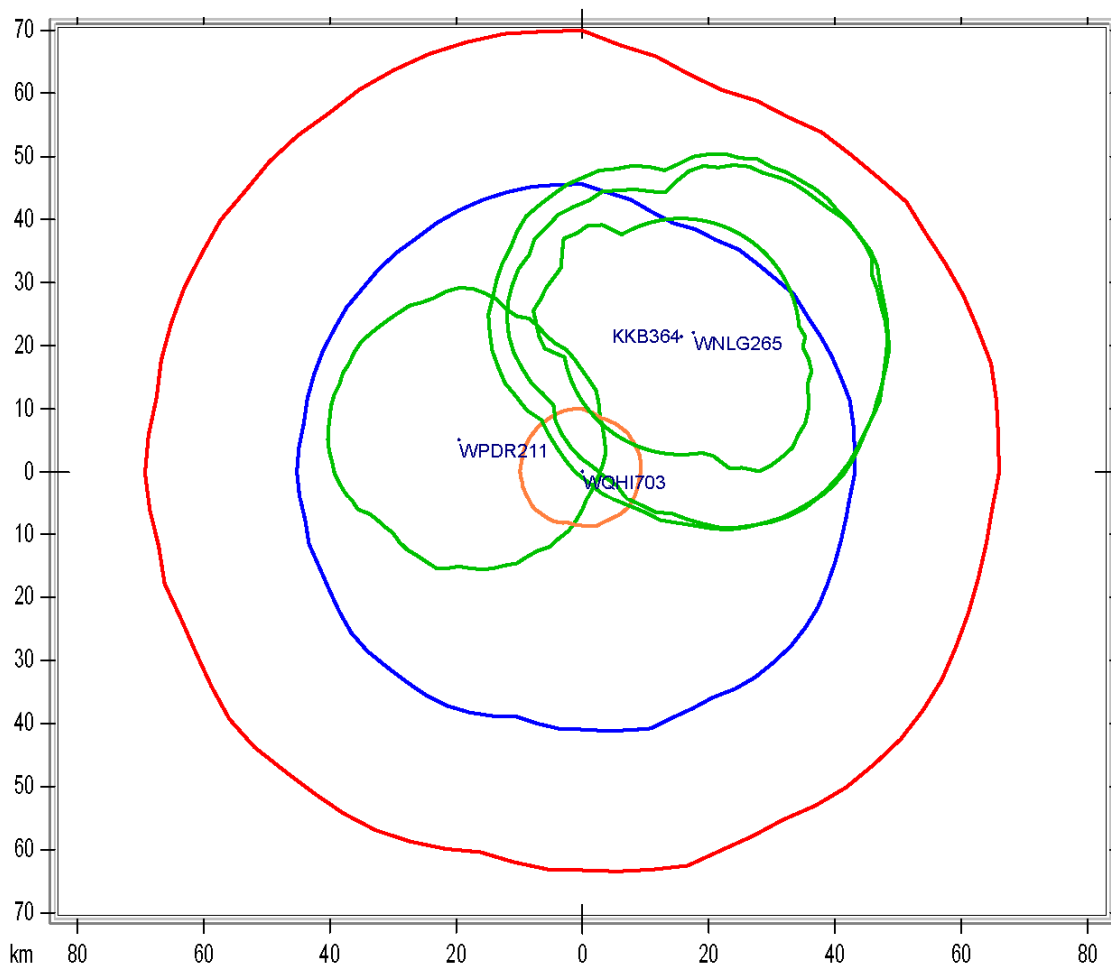
| Call Sign | Emissions       | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WNLG265   | 20K0F3E         | 460.225  | 28      | 400   | FB2   | 141  | 107   | 101    | 32-46-57.0 N | 96-46-32.0 W |
| KKB364    | 20K0F3E         | 460.225  | 29      | 425   | FB2   | 138  | 93    | 86     | 32-46-41.0 N | 96-45-30.0 W |
| WQHI703   | 11K2F3E         | 460.2375 | 0       | 151   | FB8   | 249  | 169   | 227    | 32-35-03.0 N | 96-57-49.0 W |
| KNNR426   | 20K0F3E 11K2F3E | 460.25   | 50      | 98    | FB2   | 234  | 55    | 84     | 32-49-06.0 N | 97-24-56.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI703 Loc 1 460.3125 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

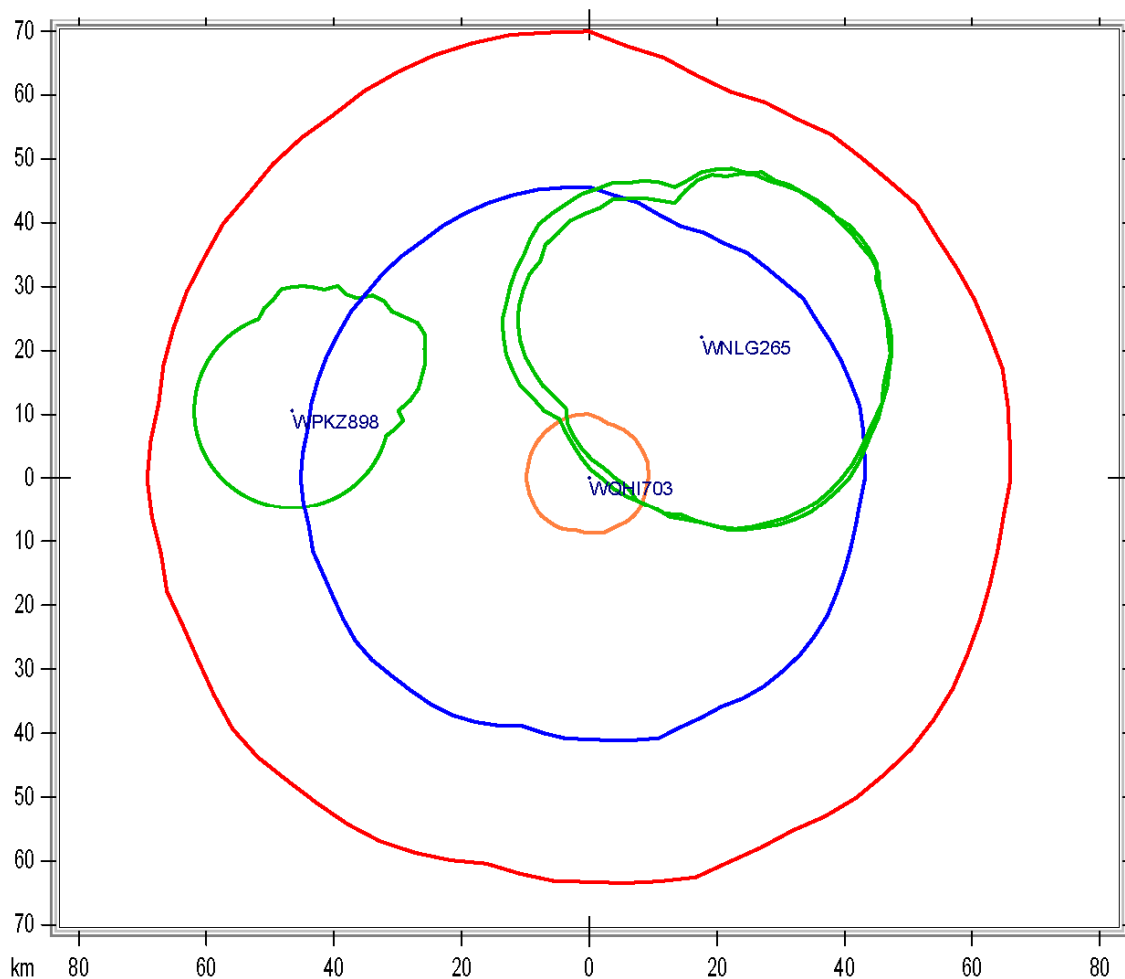
| Call Sign | Emissions | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WPDR211   | 16K0F1D   | 460.3    | 20      | 95    | FB2   | 206  | 91    | 107    | 32-37-46.0 N | 97-10-20.0 W |
| WQHI703   | 11K2F3E   | 460.3125 | 0       | 151   | FB8   | 249  | 169   | 227    | 32-35-03.0 N | 96-57-49.0 W |
| KKB364    | 20K0F3E   | 460.325  | 27      | 700   | FB2   | 138  | 36    | 25     | 32-46-36.0 N | 96-47-46.0 W |
| WNLG265   | 20K0F3E   | 460.325  | 28      | 400   | FB2   | 141  | 122   | 116    | 32-46-57.0 N | 96-46-32.0 W |
| KKB364    | 20K0F3E   | 460.325  | 29      | 450   | FB2   | 138  | 104   | 97     | 32-46-41.0 N | 96-45-30.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

Appendix C  
Derating Contour Comparison Case  
South West Communications Center - Corrected Copy

WQHI703 Loc 1 460.4625 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

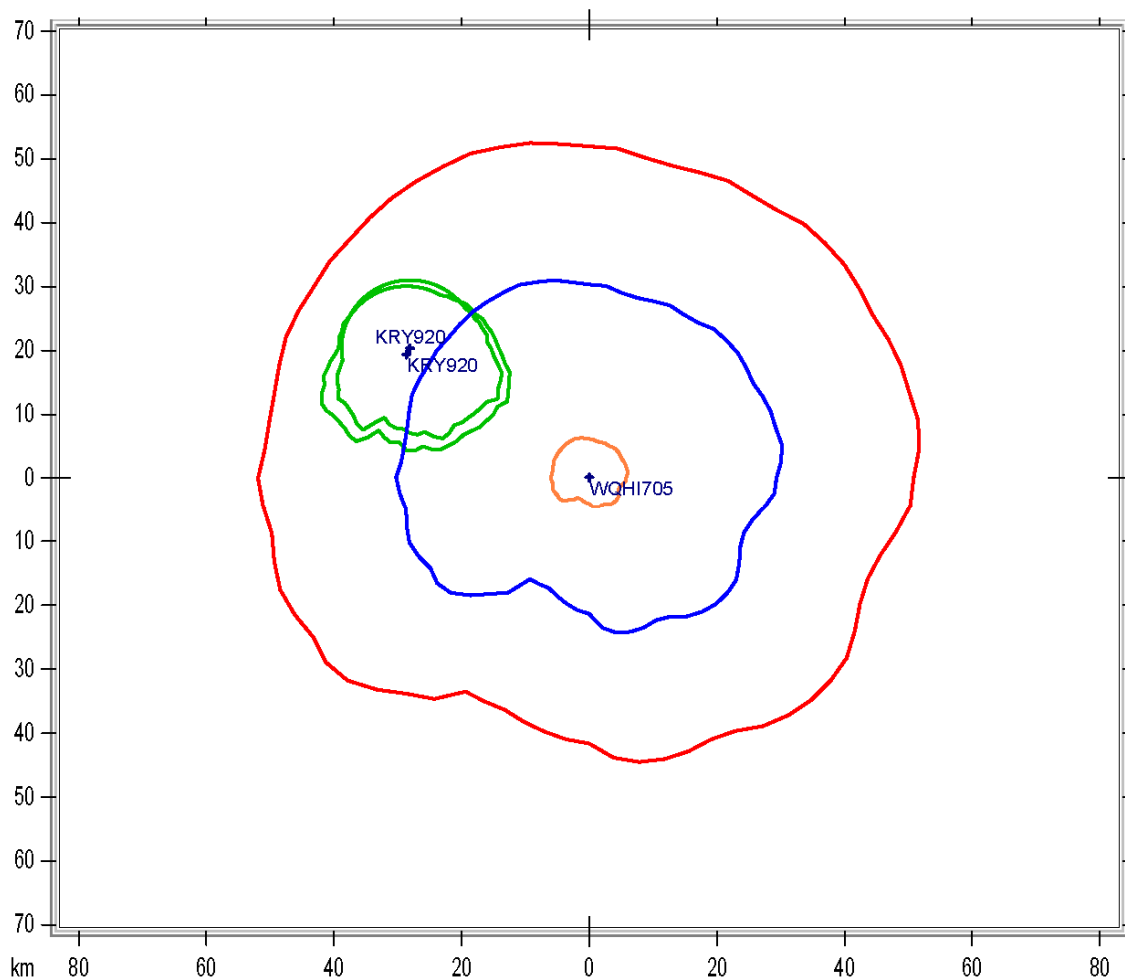
| <u>Call Sign</u> | <u>Emissions</u> | <u>Freq</u>     | <u>Dist km</u> | <u>ERP w</u> | <u>Class</u> | <u>GL m</u> | <u>AGL m</u> | <u>HAAT m</u> | <u>Lat</u>          | <u>Lon</u>          |
|------------------|------------------|-----------------|----------------|--------------|--------------|-------------|--------------|---------------|---------------------|---------------------|
| WPKZ898          | 20K0F3E          | 460.45          | 48             | 354          | FB2          | 214         | 36           | 21            | 32-40-43.0 N        | 97-27-40.0 W        |
| <b>WQHI703</b>   | <b>11K2F3E</b>   | <b>460.4625</b> | <b>0</b>       | <b>151</b>   | <b>FB8</b>   | <b>249</b>  | <b>169</b>   | <b>227</b>    | <b>32-35-03.0 N</b> | <b>96-57-49.0 W</b> |
| WNLG265          | 20K0F3E          | 460.475         | 28             | 400          | FB2          | 141         | 107          | 101           | 32-46-57.0 N        | 96-46-32.0 W        |
| KKB364           | 20K0F3E          | 460.475         | 29             | 430          | FB2          | 138         | 99           | 92            | 32-46-41.0 N        | 96-45-30.0 W        |

Contour Legend

| <u>Description</u>   | <u>Color</u> | <u>dBu</u> |
|--|--------------|------------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green        | 39         |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red          | 21         |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue         | 33.5       |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange       | 61         |

Appendix C  
Derating Contour Comparison Case  
South West Communications Center - Corrected Copy

WQHI705 Loc 1 453.3125 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

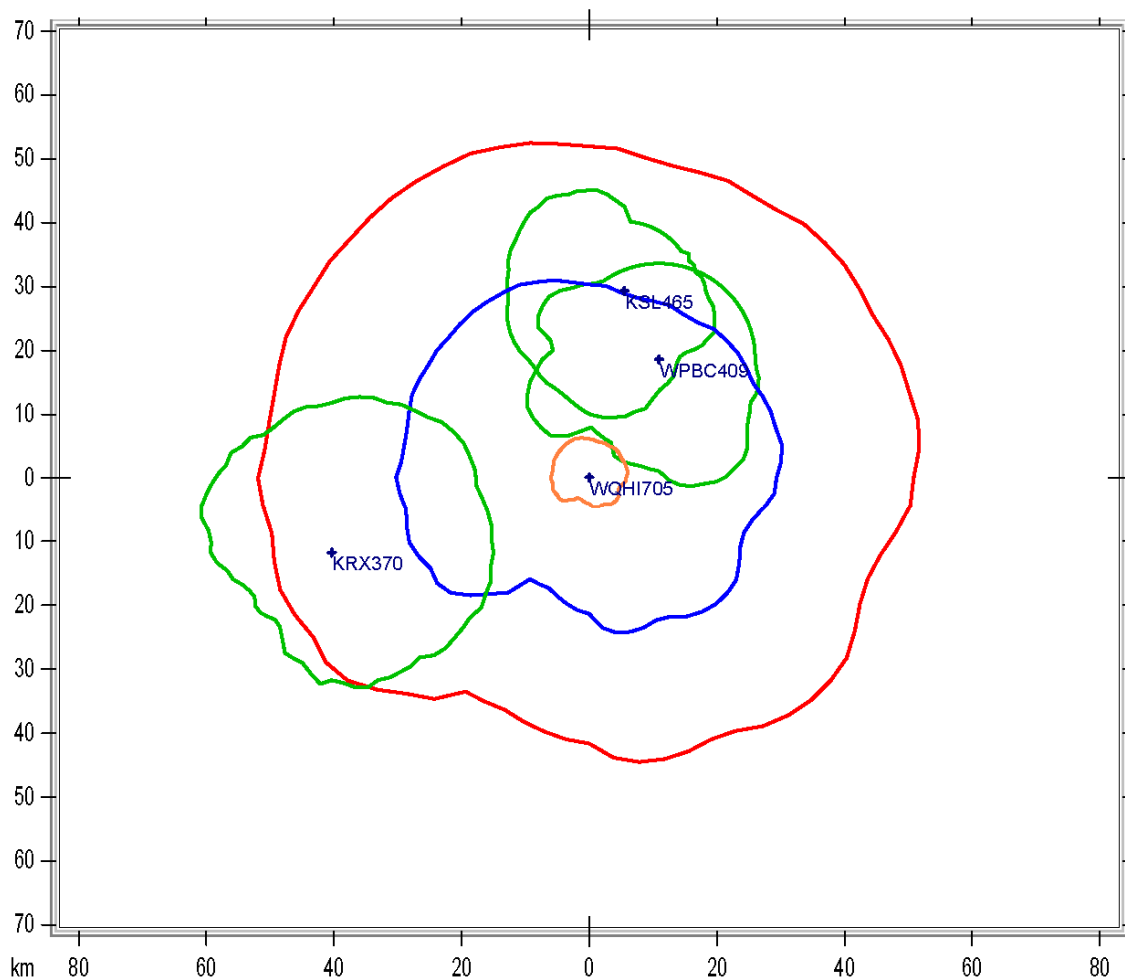
| Call Sign | Emissions | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WQHI705   | 11K2F3E   | 453.3125 | 0       | 100   | FB8   | 230  | 40    | 94     | 32-39-43.0 N | 96-54-49.0 W |
| KRY920    | 20K0F3E   | 453.3000 | 35      | 85    | FB2   | 180  | 46    | 43     | 32-50-08.0 N | 97-13-11.0 W |
| KRY920    | 20K0F3E   | 453.3000 | 35      | 85    | FB2   | 185  | 30    | 30     | 32-50-39.0 N | 97-12-50.0 W |

Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI705 Loc 1 453.4875 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

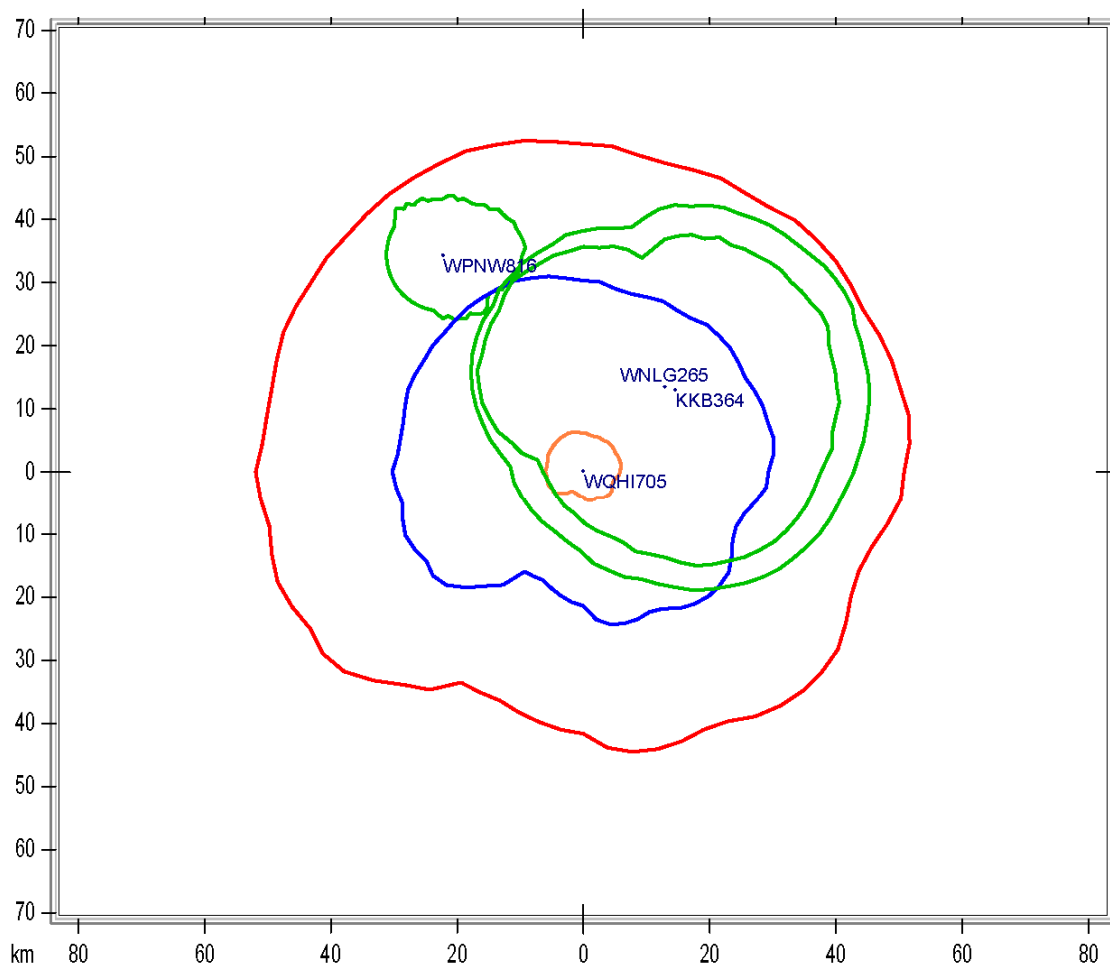
| Call Sign | Emissions | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WPBC409   | 20K0F3E   | 453.4750 | 21.47   | 335   | FB2   | 152  | 31    | 28     | 32-49-42.0 N | 96-47-47.0 W |
| WQHI705   | 11K2F3E   | 453.4875 | 0       | 100   | FB8   | 230  | 40    | 94     | 32-39-43.0 N | 96-54-49.0 W |
| KSL465    | 20K0F3E   | 453.5000 | 29.72   | 90    | FB    | 178  | 48    | 63     | 32-55-31.0 N | 96-51-16.0 W |
| KRX370    | 20K0F3E   | 453.5000 | 42.2    | 240   | FB2   | 264  | 39    | 72     | 32-33-17.0 N | 97-20-42.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI705 Loc 1 460.1125 11k and 16k Adjacents



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

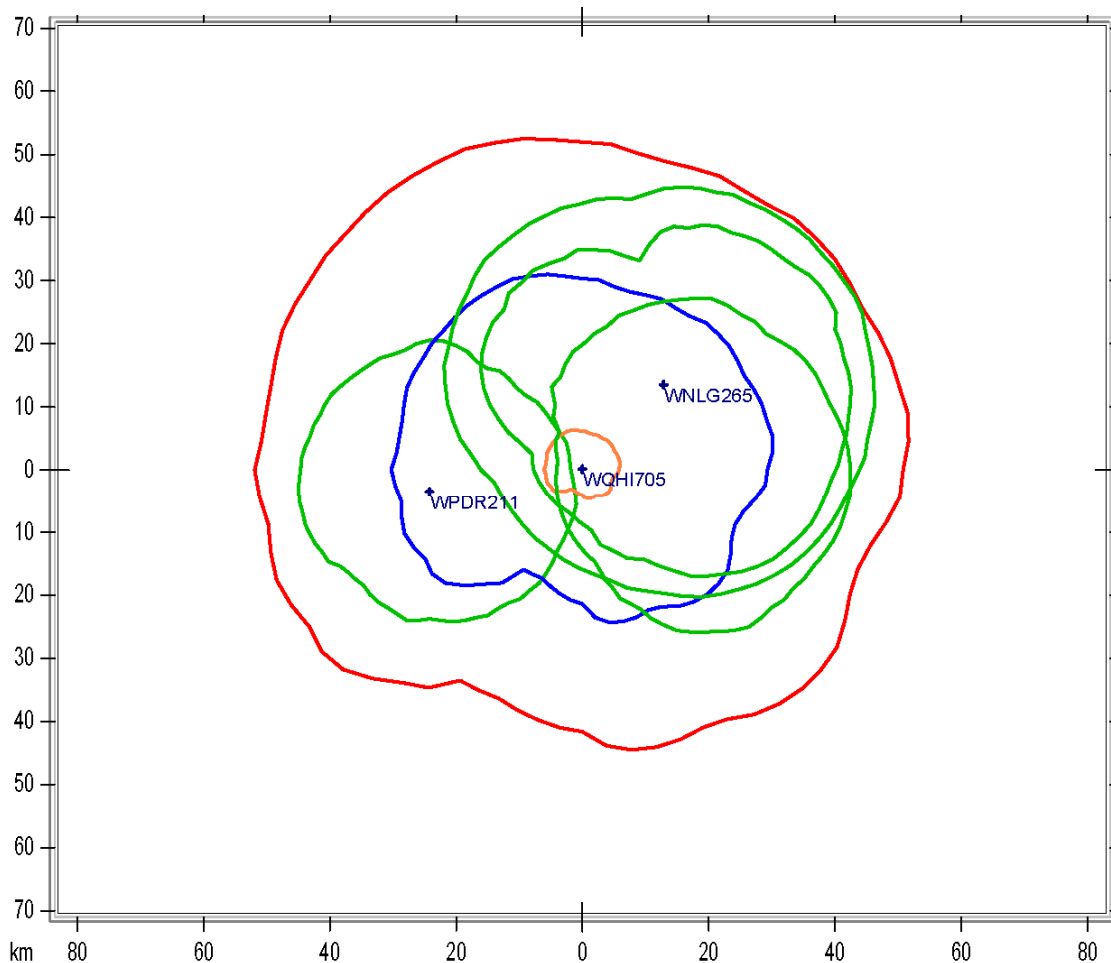
| Call Sign | Emissions       | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WPNW816   | 20K0F3E 11K0F3E | 460.1    | 41      | 40    | FB2   | 183  | 37    | 34     | 32-58-14.0 N | 97-09-05.0 W |
| WQHI705   | 11K2F3E         | 460.1125 | 0       | 100   | FB8   | 230  | 40    | 94     | 32-39-43.0 N | 96-54-49.0 W |
| WNLG265   | 20K0F3E         | 460.125  | 19      | 400   | FB2   | 141  | 91    | 85     | 32-46-57.0 N | 96-46-32.0 W |
| KKB364    | 20K0F3E         | 460.125  | 19      | 370   | FB2   | 138  | 132   | 125    | 32-46-41.0 N | 96-45-30.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |

# Appendix C Derating Contour Comparison Case South West Communications Center - Corrected Copy

WQHI705 Loc 1 460.2875 11k and 16k Adjacent



Red: 21 dBu    Blue: 33.5 dBu    Orange: 61 dBu    Green: 39 dBu

| Call Sign | Emissions | Freq     | Dist km | ERP w | Class | GL m | AGL m | HAAT m | Lat          | Lon          |
|-----------|-----------|----------|---------|-------|-------|------|-------|--------|--------------|--------------|
| WQIK789   | 20K0F3E   | 460.275  | 13      | 500   | FB2   | 180  | 42    | 63     | 32-38-46.0 N | 96-46-34.0 W |
| WNLG265   | 20K0F3E   | 460.275  | 19      | 400   | FB2   | 141  | 152   | 146    | 32-46-57.0 N | 96-46-32.0 W |
| KKB364    | 20K0F3E   | 460.275  | 19      | 550   | FB2   | 138  | 88    | 81     | 32-46-41.0 N | 96-45-30.0 W |
| WQHI705   | 11K2F3E   | 460.2875 | 0       | 100   | FB8   | 230  | 40    | 94     | 32-39-43.0 N | 96-54-49.0 W |
| WPDR211   | 16K0F1D   | 460.3    | 25      | 95    | FB2   | 206  | 91    | 107    | 32-37-46.0 N | 97-10-20.0 W |

## Contour Legend

| Description  | Color  | dBu  |
|--|--------|------|
| FCC's 90.187 UHF Cochannel Service Contour:                | Green  | 39   |
| FCC's 90.187 UHF Cochannel Interference Contour:           | Red    | 21   |
| LMCC's 12.5 kHz Adjacent Channel Contour:                  | Blue   | 33.5 |
| Prioritized TSB88 Based 12.5 kHz Adjacent Channel Contour: | Orange | 61   |